

## ADAPTIVE PROFILE-BASED MOBILE DOCUMENT INTEGRATION

### ABSTRACT OF THE DISCLOSURE

A system transforms computer network content from a native format into a device  
5 specific format that is configured for use and display by a requesting device. The system  
includes a content transformer that is configured to process requests for content on a  
computer network, such as requests for Web pages over the Internet. The content transformer  
retrieves the content and conducts a semantic and/or heuristic analysis of the content using a  
set of general or user-defined rules. Based upon the analysis, the content transformer  
10 generates a user device version of the content that is tailored for display on the user device  
and that provides an easily-navigable overview of the content. Advantageously, the  
transformed version of the contents does not require the user device to have a high data  
transmission bandwidth or high memory capacity.